

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yoshio Tomoda, et al.

Serial No.: 10/725,990

Filed: December 1, 2003

For: METHOD OF DECREASING
ACRYLAMIDE IN FOOD COOKED
UNDER HEAT

Patent Examiner: Tran, Lien T.

Group Art Unit: 1761

March 30, 2007

Costa Mesa, CA 92626

DECLARATION OF TOMO TAKAYAMA

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. I received a Bachelor of Agriculture degree from Tohoku University in March 1999 and a Master's degree in Agricultural Science from Tohoku University in March 2001. I joined Toyo Suisan Kaisha, Ltd. (the parent company of Maruchan Inc.) in April 2001, and have been employed since then and been engaged in food preparation and food chemistry research and development with particular emphasis on research and development of instant

noodles. I am a co-inventor of the present invention described and claimed in the above-identified application. My current position continues to be in the research and development department of my employer.

2. Recently the following experiments were conducted by me or under my supervision.

3. Example 2 of the *Yajima et al.* (U.S. Patent No. 6,824,801) patent reference was prepared. We found that when 1,5-D-anhydrofructose was added when making fried noodles then the amount of acrylamide present in the fried product was actually increased relative to the same process used without 1,5-D-anhydrofructose.

4. Several experiments were performed to prepare fried instant noodles using several amino acids or their salts. The amount of acrylamide formed in the process was measured and compared to the same process without addition of the respective amino acid. The quality of the resulting product regarding taste, color, smell, and consistency was also evaluated. We found that certain amino acids, for example cysteine and methionine, although reduce the amount of acrylamide formed give rise to commercially less acceptable products than the amino acids claimed in the present claims.

5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: March 29, 2007

Tomo Takayama
Tomo Takayama